

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>				
				<b>Application Number</b>		10/580,599		
				<b>Filing Date</b>		July 6, 2007		
				<b>First Named Inventor</b>		Diamond		
				<b>Group Art Unit</b>		1641		
<b>Examiner Name</b>		Ann Y. Lam		<b>Attorney Docket Number</b>		133001 00301		
Sheet		1		of		2		
<b>U.S. PATENT DOCUMENTS</b>								
Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number	Kind Code (if known)					
	A1	2002/0195558		Ellson et al.	12-26-2002			
	A2	6,288,390		Suzdak	09-11-2001			
	A3	6,569,383		Nelson et al.	05-27-2003			
	A4	5,345,079		French et al.	09-06-1994			
	A5	6,316,266	B1	Nelson	11-13-2001			
	A6	6,358,692	B1	Jindal et al.	03-19-2002			
	A7	6,027,890		Ness et al.	02-22-2000			
	A8	6,710,335	B2	Ellson et al.	03-23-2004			
	A9	6,573,369		Henderson, et al.	06-03-2003			
	A10	6,737,024		Eipel et al.	05-18-2004			
	A11	6,521,325		Engle et al.	02-18-2003			
	A12	6,432,360		Church	08-13-2002			
	A13	5,738,728		Tisone	04-14-1998			
	A14	6,225,047	B1	Hutchens et al.	05-01-2001			
	A15	6,207,031	B1	Adourian et al.	03-27-2001			
	A16	5,674,698		Zarling	10-07-1997			
	A17	4,877,745		Hayes et al.	10-31-1989			
	A18	4,046,513		Johnson	09-06-1977			
	A19	5,985,551		Brennan	11-16-1999			
	A20	6,225,061		Becker et al.	05-01-2001			
	A21	6,766,817	B2	daSilva	07-27-2004			
	A22	7,332,286		Diamond	02-19-2008			
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner's Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T
		Office	Number					
	B1	WO	2005/059552	A1	University of Pennsylvania	06-30-2005		
	B2	WO	94/27719	A	Brennan	12-08-1994		
	B3	DE	19628926	A	BASF AG	01-22-1998		
	B4	GB	2332273	A	Bruker	06-16-1999		
	B5	WO	98/41531	A	University of Washington	09-24-1998		
	B6	WO	00/56442	A	Hahn-Schickard-Gesellschaft Für Angewandte Forschung	09-28-2000		
Examiner Signature	/Ann Lam/				Date Considered	01/04/2009		

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<b>Sheet</b>	2	<b>of</b>	2	<b>Attorney Docket Number</b>	133001.00301		
<b>FOREIGN PATENT DOCUMENTS</b>							
	B7	WO	98/16830	A3	The President and Fellows of Harvard College	04-23-1998	
	B8	WO	00/04389		Zyomix, Inc.	01-27-2000	
	B9	WO	00/04390		Zyomix, Inc.	01-27-2000	
	B10	WO	00/54046		Government of the United States of America	09-14-2000	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published					
	C1	REYZER et al., Direct analysis of drug candidates in tissue by matrix-assisted laser desorption/ionization mass spectrometry, J Mass Spectrom. 2003; 38: 1081-1092					
	C2	CHAURAND et al., Direct profiling and imaging of peptides and proteins from mammalian cells and tissue sections by mass spectrometry, Electrophoresis, 23: 3125-3135, 2002					
	C3	HADD et al., Microchip Device for Performing Enzyme Assays, 1997, Anal. Chem. 69:3407-3412					
	C4	COHEN et al., A Microchip-Based Enzyme Assay for Protein Kinase A, 1999, Analytical Biochem. 273:89-97					
	C5	BUTENAS et al., Evaluation of the Initiation Phase of Blood Coagulation Using Ultrasensitive Assays for Serine Proteases, 1997, J. Biol. Chem. 272(34):21527-21533					
	C6	MORITA et al., New Fluorogenic Substrates for $\alpha$ -Thrombin, Factor Xa, Kalikreins, and Urokinase, 1977, J. Biochem. 82:1495-1498					
	C7	TALANIAN et al., Substrate Specificities of Caspase Family Proteases, 1997, J. Biol. Chem. 272(15):9677-9682					
	C8	THORNBERRY et al., A Combinatorial Approach Defines Specificities of members of the Caspase Family and Granzyme B, 1997, J. Biol. Chem. 272(29):17907-17911					
	C9	GARCIA-CALVO, Inhibition of Human Caspases by peptide-based and macromolecular Inhibitors, 1998, J. Biol. Chem. 273(49):32608-32613					
	C10	BACKES, Synthesis of positional-scanning libraries of fluorogenic peptide substrates to define the extended substrate specificity of plasmin and thrombin, 2000, Nature Biotech. 18:187-193					
	C11	HARRIS, Rapid and general profiling of protease specificity by using combinatorial fluorogenic substrate libraries, 2000, PNAS 97(14):7754-7759					
	C12	BUTENAS et al., Analysis of Tissue Plasminogen Activator Specificity Using Peptidyl Fluorogenic Substrates, 1997, Biochem. 36:2123-2131					
	C13	RAND et al., Blood Clotting in Minimally Altered Whole Blood, 1996, Blood 88(9):3432-3445					
	C14	PRYZDIAL et al., Plasmin Converts X from Coagulationzymogen to Fibrinolysis Cofactor, 1999, J. Biol. Chem. 274(13):8500-8505					
	C15	NEWMAN et al., Ink-Jet Printing for the Fabrication of Amperometric Glucose Biosensors, 1992, Analytica Chimica Acta, Elsevier Sci. Publ., Amsterdam, 262:13-17					
	C16	LEMMO et al., Characterization of an Inkjet Chemical Microdispenser for Combinatorial Library Synthesis, 1997, Analytical Chemistry 69(4):543-551					
	C17	MACBEATH et al., Printing Proteins as Microarrays for High-Throughput Function Determination, 2000, Science 289:1760-1763					
	C18	ZHU et al., Protein arrays and microarrays, 2001, Current Opinion in Chemical Biology, 5:40-45					
	C19	ADAM et al., Profiling the specific reactivity of the proteome with non-directed activity-based probes, 2001, Chemistry & Biology 8:81-95					
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